

RAW SEQUENCE LISTING

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Application Serial Number: 10/524,036
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/524,036

DATE: 04/14/2006

TIME: 11:49:47

Input Set : A:\10,524,036-sequence listing-Our reference Number WH-

2.ST25.txt

Output Set: N:\CRF4\04142006\J524036.raw

3 <110> APPLICANT: WOCKHARDT LIMITED
 4 SAHIB, Maharaj K
 5 RAJU, Edupuganti B
 6 SHALIGRAM, Umesh S
 8 <120> TITLE OF INVENTION: YEAST PROTEIN EXPRESSION SECRETION SYSTEM
 10 <130> FILE REFERENCE: WH-2
 12 <140> CURRENT APPLICATION NUMBER: US 10/524,036
 13 <141> CURRENT FILING DATE: 2005-02-09
 15 <150> PRIOR APPLICATION NUMBER: PCT/IB2003/003773
 16 <151> PRIOR FILING DATE: 2003-09-08
 18 <150> PRIOR APPLICATION NUMBER: US 60/410,774
 19 <151> PRIOR FILING DATE: 2002-09-13
 21 <160> NUMBER OF SEQ ID NOS: 8
 23 <170> SOFTWARE: PatentIn version 3.2
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 128
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: PEPTIDE
 33 <222> LOCATION: (1)..(128)
 35 <400> SEQUENCE: 1
 37 Met Ile Phe Leu Lys Leu Ile Lys Ser Ile Val Ile Gly Leu Gly Leu
 38 1 5 10 15
 41 Val Ser Ala Ile Gln Ala Ala Pro Ala Ser Ser Ile Gly Ser Ser Ala
 42 20 25 30
 45 Ser Ala Ser Ser Ser Glu Ser Ser Gln Ala Thr Ile Pro Asn Asp
 46 35 40 45
 49 Val Thr Leu Gly Val Lys Gln Ile Pro Asn Ile Phe Asn Asp Ser Ala
 50 50 55 60
 53 Val Asp Ala Asn Ala Ala Lys His Pro Leu Glu Lys Arg Phe Val
 54 65 70 75 80
 57 Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val
 58 85 90 95
 61 Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln
 62 100 105 110
 65 Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
 66 115 120 125
 69 <210> SEQ ID NO: 2
 70 <211> LENGTH: 128
 71 <212> TYPE: PRT
 72 <213> ORGANISM: Homo sapiens
 75 <220> FEATURE:

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76 <221> NAME/KEY: PEPTIDE
 77 <222> LOCATION: (1)..(128)
 79 <400> SEQUENCE: 2

81 Met Ile Phe Leu Lys Leu Ile Lys Ser Ile Val Ile Gly Leu Gly Leu
 82 1 5 10 15
 85 Val Ser Ala Ile Gln Ala Ala Pro Ala Ser Ser Ile Gly Ser Ser Ala
 86 20 25 30
 89 Ser Ala Ser Ser Ser Glu Ser Ser Gln Ala Thr Ile Pro Asn Asp
 90 35 40 45
 93 Val Thr Leu Gly Val Lys Gln Ile Pro Asn Ile Phe Asn Asp Ser Ala
 94 50 55 60
 97 Val Asp Ala Asn Ala Ala Lys His Pro Leu Glu Asn Arg Phe Val
 98 65 70 75 80
 101 Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val
 102 85 90 95
 105 Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln
 106 100 105 110
 109 Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
 110 115 120 125

113 <210> SEQ ID NO: 3
 114 <211> LENGTH: 116
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 119 <220> FEATURE:
 120 <221> NAME/KEY: PEPTIDE
 121 <222> LOCATION: (1)..(116)
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125 Met Thr Ser Lys Thr Ile Pro Ala Met Leu Ala Ile Ile Thr Val Ala
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 129 Tyr Leu Cys Ala Leu Pro His Ala His Ala Arg Ser Thr Gln Gly Tyr
 130 20 25 30
 133 Gly Arg Met Asp Arg Ile Leu Ala Ala Leu Lys Thr Ser Pro Met Glu
 134 35 40 45
 137 Pro Ser Ala Ala Leu Ala Val Glu Asn Gly Thr Thr His Pro Leu Gly
 138 50 55 60
 141 Lys Arg Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala
 142 65 70 75 80
 145 Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly
 146 85 90 95
 149 Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu
 150 100 105 110

153 Asn Tyr Cys Asn
 154 115

157 <210> SEQ ID NO: 4
 158 <211> LENGTH: 116
 159 <212> TYPE: PRT
 160 <213> ORGANISM: Homo sapiens
 163 <220> FEATURE:
 164 <221> NAME/KEY: PEPTIDE

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165 <222> LOCATION: (1)..(116)
 167 <400> SEQUENCE: 4
 169 Met Thr Ser Lys Thr Ile Pro Ala Met Leu Ala Ile Ile Thr Val Ala
 170 1 5 10 15
 173 Tyr Leu Cys Ala Leu Pro His Ala His Ala Arg Ser Thr Gln Gly Tyr
 174 20 25 30
 177 Gly Arg Met Asp Arg Ile Leu Ala Ala Leu Lys Thr Ser Pro Met Glu
 178 35 40 45
 181 Pro Ser Ala Ala Leu Ala Val Glu Asn Gly Thr Thr His Pro Leu Gly
 182 50 55 60
 185 Asn Arg Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala
 186 65 70 75 80
 189 Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly
 190 85 90 95
 193 Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu
 194 100 105 110
 197 Asn Tyr Cys Asn
 198 115
 201 <210> SEQ ID NO: 5
 202 <211> LENGTH: 384
 203 <212> TYPE: DNA
 204 <213> ORGANISM: Homo sapiens
 206 <400> SEQUENCE: 5
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 209 caggccgctc cagcctcttc tatcggttct tctgcctctg cctcttcttc ttctgagtct 120
 211 tctcaggcca ccattccaaa cgacgttacc ctgggtgtta agcagatccc aaacatcttc 180
 213 aacgactctg ccgttgacgc caacgctgct gctaagcacc cactggagaa gagattcgtg 240
 215 aaccagcacc tgggttgc tcacctgggtt gaggccctgt acctgggttg cggtgagaga 300
 217 ggattcttct acacccaaa gggtatcggtt gagcagtgct gcacctctat ctgttctctg 360
 219 taccagctgg agaactactg caac 384
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 223 <211> LENGTH: 384
 224 <212> TYPE: DNA
 225 <213> ORGANISM: Homo sapiens
 227 <400> SEQUENCE: 6
 228 atgatcttgc tgaaggatca caagtctatc gtgatcggtc tgggtctgggt ttctgccatc 60
 230 caggccgctc cagcctcttc tatcggttct tctgcctctg cctcttcttc ttctgagtct 120
 232 tctcaggcca ccattccaaa cgacgttacc ctgggtgtta agcagatccc aaacatcttc 180
 234 aacgactctg ccgttgacgc caacgctgct gctaagcacc cactggagaa cagattcgtg 240
 236 aaccagcacc tgggttgc tcacctgggtt gaggccctgt acctgggttg cggtgagaga 300
 238 ggattcttct acacccaaa gggtatcggtt gagcagtgct gcacctctat ctgttctctg 360
 240 taccagctgg agaactactg caac 384
 243 <210> SEQ ID NO: 7
 244 <211> LENGTH: 348
 245 <212> TYPE: DNA
 246 <213> ORGANISM: Homo sapiens
 248 <400> SEQUENCE: 7
 249 atgacctcgaa agaccatccc agccatgctg gccatcatta ccgttgccata cctgtgtgct 60
 251 ctgccacacg cccacgctag atctacccag gttacggtaa gaatggacag aatcctggcc 120

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253	gccctgaaga	cctctccat	ggagccatct	gccgcctgg	ccgttgagaa	cggaaccacc	180
255	cacccactgg	gtaagagatt	cgtgaaccag	cacctgtgtg	gttctcacct	ggttgaggcc	240
257	ctgtacctgg	tttgcggta	gagaggattc	ttctacaccc	caaagggtat	cgttgagcag	300
259	tgcgtcacct	ctatctgttc	tctgtaccag	ctggagaact	actgcaac		348
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263	<211>	LENGTH:	348				
264	<212>	TYPE:	DNA				
265	<213>	ORGANISM:	Homo sapiens				
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268	atgacctcgaa	agaccatccc	agccatgctg	gccatcatta	ccgttgccctaa	cctgtgtgct	60
270	ctgccacacg	cccacgctag	atctacccag	gttacggta	aatggacag	aatcctggcc	120
272	gccctgaaga	cctctccat	ggagccatct	gccgcctgg	ccgttgagaa	cggaaccacc	180
274	cacccactgg	gtaacagatt	cgtgaaccag	cacctgtgtg	gttctcacct	ggttgaggcc	240
276	ctgtacctgg	tttgcggta	gagaggattc	ttctacaccc	caaagggtat	cgttgagcag	300
278	tgcgtcacct	ctatctgttc	tctgtaccag	ctggagaact	actgcaac		348

2.ST25.txt

VERIFICATION SUMMARY DATE: 04/14/2006
PATENT APPLICATION: US/10/524,036 TIME: 11:49:48

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